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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P4103 SAS No.: P4103 SDG No.: P4103

Instrument ID: BNA_P Calibration Date(s): 09/19/2024 09/19/2024

Calibration Time(s): 12:55 17:44

LAB FILE ID: RRF2.5 = BP021948.D RRF005 = BP021949.D RRF010 = BP021950.D
RRF020 = BP021951.D RRF040 = BP021952.D RRF050 = BP021953.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyridine		1.259	1.202	1.162	1.165	1.131	1.179	3.5
2-Fluorophenol		1.087	1.063	1.107	1.059	1.021	1.064	2.6
Phenol-d6		1.346	1.337	1.392	1.363	1.346	1.382	3.6
1,4-Dichlorobenzene		1.547	1.472	1.487	1.446	1.396	1.457	3.5
2-Methylphenol		0.840	0.918	0.940	0.949	0.932	0.927	4.4
3+4-Methylphenols		1.247	1.279	1.291	1.321	1.326	1.309	3.1
Nitrobenzene-d5		0.385	0.370	0.385	0.370	0.379	0.378	2.1
Hexachloroethane		0.564	0.529	0.542	0.537	0.515	0.536	3.0
Nitrobenzene		0.397	0.378	0.397	0.378	0.380	0.384	2.6
Hexachlorobutadiene		0.355	0.329	0.316	0.310	0.311	0.321	5.0
2,4,6-Trichlorophenol		0.420	0.418	0.419	0.432	0.439	0.429	2.6
2-Fluorobiphenyl		1.479	1.395	1.368	1.328	1.329	1.370	4.0
2,4,5-Trichlorophenol		0.465	0.468	0.479	0.479	0.496	0.482	2.9
2,4-Dinitrotoluene		0.421	0.441	0.444	0.468	0.473	0.457	4.9
2,4,6-Tribromophenol		0.357	0.367	0.350	0.361	0.378	0.371	4.7
Hexachlorobenzene		0.297	0.286	0.293	0.285	0.283	0.291	2.2
Pentachlorophenol		0.176	0.185	0.192	0.198	0.201	0.196	6.4
Terphenyl-d14		1.048	1.039	1.024	1.063	1.057	1.065	3.2

All other compounds must meet a minimum RRF of 0.010.